

Complete Listing of the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A broadhead arrowhead comprising:

a ferrule;
at least one blade assembly coupled to and extending outwardly from said ferrule;
said blade assembly having a first substantially planar portion disposed in a plane
at least substantially parallel to the longitudinal axis of said ferrule and a
second portion wherein said second portion is disposed at an angle to the
plane of said first planar portion and said second portion is also disposed
at an angle to the longitudinal axis of said ferrule;
a generally continuously curved region disposed between and connecting said
first and second portions, wherein said blade assembly has an airfoil-type
shape that produces a rotational torque about the longitudinal axis of said
ferrule; and
wherein said first portion couples said blade to said ferrule.
2. (Original) An arrowhead according to claim 1,

further comprising a plurality of said blade assemblies disposed substantially
symmetrically around the longitudinal axis of said ferrule.
3. (Original) An arrowhead according to claim 2, wherein said blade assemblies are
manufactured from a flexible material.
4. (Original) An arrowhead according to claim 3,

further comprising at least three blade assemblies disposed substantially symmetrically around the longitudinal axis of said ferrule spaced at angles of approximately 124° from each other.

5. (Original) An arrowhead according to claim 3, further comprising means for mounting said arrowhead to an arrow shaft.
6. (Original) An arrowhead according to claim 5,

wherein said arrowhead mounting means comprises a stub member extending from one end of said ferrule substantially coaxial with the longitudinal axis of said ferrule.
7. (Original) An arrowhead according to claim 4,

wherein one end portion of said ferrule is tapered substantially to a point.
8. (Original) An arrowhead according to claim 3,

wherein said second portion is disposed at an angle of between about 5° and about 25° relative to the plane of said first substantially planar portion.
9. (Original) An arrowhead according to claim 3,

wherein said second portion has a length of between about 20% and about 50% of the overall length of said blade assembly.
10. (Original) An arrowhead according to claim 3,

wherein said continuously curved region has a radius of curvature between about 0.2" and 0.5".

11. (Original) An arrowhead according to claim 3, wherein said second portion has a trailing edge region disposed at an angle to said ferrule.
12. (Original) An arrowhead according to claim 11,
wherein said trailing edge region is disposed at an angle to said ferrule in the range of about 5 degrees and about 45 degrees.
13. (Original) An arrowhead according to claim 12,
wherein said trailing edge region is disposed at an angle to said ferrule in the range of about 5 degrees and about 35 degrees.
14. (Currently Amended) An broadhead arrow, comprising:
a ferrule;
at least one blade assembly coupled to and extending outwardly from said ferrule;
said blade assembly having a first substantially planar portion disposed in a plane at least substantially parallel to the longitudinal axis of said ferrule and a second portion wherein said second portion is disposed at an angle to the plane of said first planar portion and said second portion is also disposed at an angle to the longitudinal axis of said ferrule;
a generally continuously curved region disposed between and connecting said first and second portions, wherein said blade assembly has an airfoil-type shape;
wherein said first substantially planar portion couples said blade to said ferrule;
and
a shaft devoid of fletching, said arrowhead being secured to one end region of said shaft.

15. (Original) An arrow according to claim 14,

further comprising a plurality of said blade assemblies disposed substantially
symmetrically around the longitudinal axis of said ferrule.
16. (Original) An arrow according to claim 15, wherein said blade assemblies are
manufactured from a flexible material.
17. (Original) An arrow according to claim 16,

further comprising at least three blade assemblies disposed substantially
symmetrically around the longitudinal axis of said ferrule spaced at angles
of approximately 120° from each other.
18. (Original) An arrow according to claim 16, further comprising means for
mounting said arrowhead to an arrow shaft.
19. (Original) An arrow according to claim 18,

wherein said arrowhead mounting means comprises a stub member extending
from one end of said ferrule substantially coaxial with the longitudinal
axis of said ferrule.
20. (Original) An arrow according to claim 17,

wherein one end portion of said ferrule is tapered substantially to a point.
21. (Original) An arrow according to claim 16,

wherein said second portion is disposed at an angle of between about 5° and about 25° relative to the plane of said first substantially planar portion.

22. (Original) An arrow according to claim 16,
wherein said second portion has a length of between about 20% and about 50% of the overall length of said blade assembly.
23. (Original) An arrow according to claim 16,
wherein said continuously curved region has a radius of curvature between about 0.2" and 0.5".
24. (Original) An arrow according to claim 16, wherein said second portion has a trailing edge region disposed at an angle to said ferrule.
25. (Original) An arrow according to claim 24,
wherein said trailing edge region is disposed at an angle to said ferrule in the range of about 5 degrees and about 45 degrees.
26. (Original) An arrow according to claim 25,
wherein said trailing edge region is disposed at an angle to said ferrule in the range of about 5 degrees and about 35 degrees.